



Epimetheus

RIs 2.0 to 2.5

Angles for R.I. = 2.150

84 + 9 girdles = 93 facets

3-fold, mirror-image symmetry

96 index

L/W = 1.043

H/W = 1.825

Vol./W³ = 0.738

PREFORM

G1	90.00°	96-32-64
G2	90.00°	07-25-39-57-71-89
	42.00°	07-25-39-57-71-89
	48.55°	96-32-64

PAVILION

P5	48.39°	09.0-23.0-41.0- 55.0-73.0-87.0
P8	49.90°	96.0-32.0-64.0
P4	59.24°	07.0-25.0-39.0- 57.0-71.0-89.0
P7	59.87°	96.0-32.0-64.0
P6	62.66°	02.0-30.0-34.0- 62.0-66.0-94.0
P3	62.66°	08-24-40-56-72-88
P2	77.12°	07-25-39-57-71-89
P1	82.38°	08-24-40-56-72-88
	90.00°	96-32-64
	90.00°	07-25-39-57-71-89

CROWN

C1	82.38°	08-24-40-56-72-88
C2	77.12°	07-25-39-57-71-89
C6	62.66°	02.0-30.0-34.0- 62.0-66.0-94.0
C3	62.66°	08.0-24.0-40.0- 56.0-72.0-88.0
C7	59.87°	96-32-64
C4	59.24°	07.0-25.0-39.0- 57.0-71.0-89.0
C8	49.90°	96.0-32.0-64.0
C5	48.39°	09.0-23.0-41.0- 55.0-73.0-87.0

This design is based off a much older cut I found on FacetDiagrams.com, the Janus Cut, only I went with smaller tables and a properly reflecting outline. Epimetheus shares the orbit of Janus, so why not?

Unfortunately this does require a CAM preform to establish table width until the full set of tiers can be cut in, so be gentle when moving the stone on the machine.

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